CONSOLIDATED CHECKLIST C5
Part 5 of 5 parts

Standards for Owners and Operators of Hazardous Waste Treatment,
Storage, and Disposal Facilities
40 CFR Part 264, Subparts CC-EE, as of June 30, 1997
as published in the July 1, 1997 CFR

Note: Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and endnotes associated with each part have been placed with the part to which they apply.

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES							
SUBPART CC - AIR EMISSIONS STANDARDS FOR TANKS, SURFACE IMPOUNDMENTS, AND CONTAINERS							
1 APPLICABILITY							
2 264, Subpart CC requirements apply to owners/operators of all facilities that treat, store, or dispose of hazardous waste in tanks, surface impoundments, or containers except as in 264.1 & 264.1080(b)	154	264.1080(a)					
264, Subpart CC requirements do not apply to the following waste management units at the facility:	154	264.1080(b)					

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waste management unit that holds hazardous waste placed in it before October 6, 1996 & to which none is added on or after this date	154	264.1080(b)(1)					
container with design capacity of less than or equal to 0.1 m^3	154	264.1080(b)(2)					
tank to which an owner/operator has stopped adding hazardous waste & has begun implementing or completed closure pursuant to plan	154	264.1080(b)(3)					
surface impoundment in which owner/operator has stopped adding hazardous waste & has begun implementing or completed closure pursuant to plan	154	264.1080(b)(4)					
waste management unit used solely for on-site treatment or storage of hazardous waste generated from remedial activities	154	264.1080(b)(5)					

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waste management unit used solely for management of radioactive mixed waste	154	264.1080(b)(6)					
hazardous waste management unit equipped with & operating air emission controls in accordance with Clean Air Act; a tank for which air emission control includes an enclosure must comply with 264.1084(i), except as in 264.1082(c)(5)	154	264.1080(b)(7)					
tank with process vent as defined in 264.1031	154	264.1080(b)(8)					
for owners/operators of a facility subject to 264, Subpart CC & who have received a final permit before October 6, 1996, 264, Subpart CC requirements are incorporated into a permit when reissued or reviewed; until such date owner/operator is subject to 265, Subpart CC requirements	154	264.1080(c)					

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administrative stay of subpart CC requirements, with exception of 264.1089(i), for tanks or containers used to manage hazardous waste from organic peroxide manufacturing & associated laboratory operations when owner/operator meets the specified conditions	154	264.1080(d)					
	154	264.1080(d)(1)					
	154	264.1080(d)(2)					
	154	264.1080(d)(3)					
DEFINITIONS							
264, Subpart CC terms have meanings given them in 265.1081, the Act, & Parts 260-266	154	264.1081					
STANDARDS: GENERAL							
264.1082 applies to management of hazardous waste in tanks, surface impoundments, & containers subject to 264, Subpart CC	154	264.1082(a)					

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owner or operator shall control air pollutant emissions from waste management unit in accordance with 264.1084 - 264.1087, except as in 264.1082(c)	154	264.1082(b)					
tank, surface impoundment, or container is exempt from standards specified in 264.1084- 264.1087, provided that it is:	154	264.1082(c)					
tank, surface impoundment, or container for which entering hazardous waste has average VO concentration at point of origination of less than 500ppmw; how VO concentration is determined; frequency of reviews and updates	154	264.1082(c)(1)					

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tank, surface impoundment, or container for which the organic content of the hazardous waste entering the waste management unit is reduced by organic destruction or removal that achieves any of the following conditions:	154	264.1082(c)(2)					
process that removes or destroys organics to level such that average VO concentration at the point of treatment < the exit concentration limit established for the process; how average VO concentration is determined	154	264.1082(c)(2)(i)					
process that removes or destroys organics to a level such that organic reduction efficiency ≥ 95% & average VO concentration at point of treatment is < 100 ppmw; how organic reduction efficiency and average VO concentration are determined	154	264.1082(c)(2)(ii)					

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process that removes or destroys organics to level such that actual organic mass removal rate ≥ required organic mass removal rate established for the process; how required organic mass removal rate & actual organic mass removal rate are determined	154	264.1082(c)(2)(iii)					
biological process that destroys or degrades organics contained in hazardous waste such that either of following conditions is met:	154	264.1082(c)(2)(iv)					
organic reduction efficiency for process ≥95 %& organic biodegradation efficiency≥ 95 %; how organic reduction efficiency & biodegradation efficiency are determined	154	264.1082(c)(2)(iv)(A)					

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total actual organic mass biodegradation rate for hazardous waste treated by the process ≥ required organic mass removal rate; how organic mass removal rate & actual mass biodegradation rate are determined	154	264.1082(c)(2)(iv)(B)					
process that removes or destroys organics contained in hazardous waste & meets all of the specified conditions	154	264.1082(c)(2)(v)					
	154	264.1082(c)(2)(v)(A)					
	154	264.1082(c)(2)(v)(B)					
	154	264.1082(c)(2)(v)(C)					
process that removes or destroys organics in hazardous waste to specified levels; specified levels to be determined using procedures in 264.1083(a)&(b)	154	264.1082(c)(2)(vi)					
hazardous waste incinerator for which the owner or operator has either:	154	264.1082(c)(2)(vii)					
been issued a final permit under part 270 which implements part 264, subpart O; or	154	264.1082(c)(2)(vii)(A)					

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has designed and operates the incinerator in accordance with interim status requirements of part 265, subpart O	154	264.1082(c)(2)(vii)(B)					
boiler or industrial furnace for which owner/operator has either:	154	264.1082(c)(2)(viii)					
been issued a final permit under part 270 which implements part 266, subpart H; or	154	264.1082(c)(2)(viii)(A)					
designed & operates boiler or furnace in accordance with interim status requirements of 266, subpart H	154	264.1082(c)(2)(viii)(B)					
for determining performance of organic destruction process, owner/operator shall account for VO concentrations below detection limit by using following:	154	264.1082(c)(2)(ix)					
if Method 25D in part 60, appendix A is used, ½ of blank value determined in the method	154	264.1082(c)(2)(ix)(A)					

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if other method used, ½ of detection limit established for the method	154	264.1082(c)(2)(ix)(B)					
tank used for biological treatment of hazardous waste in accordance with 264.1082(c)(2)(iv)	154	264.1082(c)(3)					
tank, surface impoundment, or container for which hazardous waste placed in unit that either:	154	264.1082(c)(4)					
meets numerical concentration limits for organic constituents in 268.40; or	154	264.1082(c)(4)(i)					
been treated as in 268.42(a), or by equivalent method pursuant to 268.42(b)	154	264.1082(c)(4)(ii)					
tank used for bulk feed of hazardous waste to an incinerator & all of following are met:	154	264.1082(c)(5)					

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tank is inside enclosure vented to control device designed & operated in accordance with part 61, subpart FF for facility generating ≥ 10 megagrams of benzene per year	154	264.1082(c)(5)(i)					
tank's enclosure & control device installed & began operation prior to November 25, 1996 &	154	264.1082(c)(5)(ii)					
enclosure designed & operated in accordance with 52.741, appendix B; allowance for openings; verification as specified in § 5.0	154	264.1082(c)(5)(iii)					
Regional Administrator may perform, or request the owner or operator perform, waste determination for hazardous waste managed in a tank, surface impoundment, or container exempt from using air emission controls under 264.1082 as follows:	154	264.1082(d)					

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waste determination for average VO concentration of hazardous waste at point of waste origination shall be performed using direct measurement in accordance with 264.1083(a) requirements; how determination will be performed	154	264.1082(d)(1)					
in performing waste determination pursuant to 264.1082(d)(1), sample preparation shall be conducted as follows:	154	264.1082(d)(2)					
in accordance with method used by owner/operator, except as specified by 264.1082(d)(2)(ii)	154	264.1082(d)(2)(i)					
if Regional Administrator determines owner/ operator's methods inappropriate, then may choose appropriate one	154	264.1082(d)(2)(ii)					

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when owner/ operator performs waste determination, Regional Administrator may have an authorized representative observe sampling	154	264.1082(d)(3)					
if results of waste determination performed or requested by Regional Administrator do not agree with results of waste determination performed by owner/operator, then results of waste determination performed under 264.1082(d)(1) shall be used	154	264.1082(d)(4)					

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if averaging period of greater than 1 hour used to determine average VO concentration of hazardous waste at point of origination, Regional Administrator can establish 264, Subpart CC compliance by performing or requesting that owner/operator perform a waste determination based on samples collected within 1-hour period as specified	154	264.1082(d)(5)					
	154	264.1082(d)(5)(i)					
	154	264.1082(d)(5)(ii)					
	154	264.1082(d)(5)(iii)					
WASTE DETERMINATION PROCEDURES							
waste determination procedure to determine average VO concentration of hazardous waste at point of origination	154	264.1083(a)					

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average VO concentration at point of waste origination shall be determined for each hazardous waste placed in a unit exempted under 264.1082(c)(1) from using air emission controls in accordance with 264.1084-1087	154	264.1083(a)(1)					
average VO concentration at point of waste origination may be determined in accordance with 265.1084(a)(2)-(4)	154	264.1083(a)(2)					
waste determination procedures for treated hazardous waste	154	264.1083(b)					
owner/operator shall perform applicable waste determination for each treated hazardous waste placed in a unit exempted under 264.1082(c)(2) from using air emission controls in accordance with 264.1084-1087	154	264.1083(b)(1)					

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the waste determination for a treated hazardous waste shall be performed in accordance with 265.1084(b)(2)-(9)	154	264.1083(b)(2)					
procedure to determine maximum organic vapor pressure of hazardous waste in a tank	154	264.1083(c)					
an owner/operator shall determine maximum organic vapor pressure for each hazardous waste placed in a tank using Tank Level 1 controls in accordance with 264.1084(c)	154	264.1083(c)(1)					
maximum organic vapor pressure of hazardous waste may be determined in accordance with 265.1084(c)(2)-(4)	154	264.1083(c)(2)					
procedure for determining no detectable organic emissions shall be conducted in accordance with 265.1084(d)	154	264.1083(d)					

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STANDARDS: TANKS							
provisions of 264.1084 apply to control of air pollutant emissions from tanks for which 264.1082(b) references the use of 264.1084 for such air emission control	154	264.1084(a)					
owner/operator shall control air pollutant emissions from each tank subject to 264.1084 in accordance with the following:	154	264.1084(b)					
requirements for a tank that manages hazardous waste & meets the conditions in 264.1084(b)(1)(i)-(iii)	154	264.1084(b)(1)					
hazardous waste in the tank has maximum organic vapor pressure less than limit for tank's capacity category as specified	154	264.1084(b)(1)(i)					
	154	264.1084(b)(1)(i)(A)					
	154	264.1084(b)(1)(i)(B)					
	154	264.1084(b)(1)(i)(C)					

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hazardous waste in the tank is not heated by owner/operator to temperature at which maximum organic vapor pressure is determined to comply with 264.1084(b)(1)(i)	154	264.1084(b)(1)(ii)					
hazardous waste in tank is not treated by owner/operator using waste stabilization process, as in 265.1081	154	264.1084(b)(1)(iii)					
requirements for tanks that do not meet 264.1084(b)(1)(i)-(iii)	154	264.1084(b)(2)					
owners/operators controlling air pollutant emissions from tank using Tank Level 1 controls meet requirements in 264.1084(c)(1)-(c)(4)	154	264.1084(c)					

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owner/operator to determine maximum organic vapor pressure for hazardous waste in tank using Tank Level 1 controls before placing waste in tank; maximum organic vapor pressure to be determined using 264.1083(c); when determinations shall be performed	154	264.1084(c)(1)					
tank shall be equipped with fixed roof designed to meet the following:	154	264.1084(c)(2)					
fixed roof & its closure devices shall form continuous barrier over surface of hazardous waste in the tank; what is a fixed roof	154	264.1084(c)(2)(i)					
installed without visible cracks, holes, gaps, or open spaces between joints/edges	154	264.1084(c)(2)(ii)					
openings shall be equipped with a closure device or connected by a closed-vent system	154	264.1084(c)(2)(iii)					
	154	264.1084(c)(2)(iii)(A)					
	154	264.1084(c)(2)(iii)(B)					

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fixed roof & its closure devices shall consist of materials to minimize exposure of hazardous waste to atmosphere, & maintain integrity throughout service life; factors for selecting materials	154	264.1084(c)(2)(iv)					
when hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	264.1084(c)(3)					
opening of closure devices or removal of fixed roof is allowed to provide access or to remove accumulated sludge	154	264.1084(c)(3)(i)					
	154	264.1084(c)(3)(i)(A)					
	154	264.1084(c)(3)(i)(B)					

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opening of pressure relief devices which vent to the atmosphere during normal operations to maintain internal pressure; designed to operate with no detectable emissions when closed; remain in closed position when internal pressure is within operating range determined by owner/operator; normal operating conditions	154	264.1084(c)(3)(ii)					
opening of safety device allowed to avoid an unsafe condition	154	264.1084(c)(3)(iii)					
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1084(c)(4)					
fixed roof & closure devices to be visually inspected for defects; examples	154	264.1084(c)(4)(i)					
initial inspection of fixed roof & closure devices on or before tank is subject to 264.1084; then at least once a year except under 264.1084(l)	154	264.1084(c)(4)(ii)					

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in event of defect, shall be repaired in accordance with 264.1084(k)	154	264.1084(c)(4)(iii)					
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(c)(4)(iv)					
owners/operators controlling air pollutant emissions from a tank using Tank Level 2 controls shall use one of the following:	154	264.1084(d)					
fixed-roof tank equipped with internal floating roof in accordance with 264.1084(e)	154	264.1084(d)(1)					
tank equipped with external floating roof in accordance with 264.1084(f)	154	264.1084(d)(2)					
tank vented through a closed-vent system to control device in accordance with 264.1084(g)	154	264.1084(d)(3)					
pressure tank designed & operated in accordance with 264.1084(h); or	154	264.1084(d)(4)					

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tank inside an enclosure vented through a closed-vent system to an enclosed combustion control device in accordance with 264.1084(i)	154	264.1084(d)(5)					
owner/operator who controls emissions from a tank using a fixed roof with internal floating roof shall meet 264.1084(e)(1)-(3) requirements	154	264.1084(e)					
tank shall be equipped with fixed roof & internal floating roof in accordance with the following:	154	264.1084(e)(1)					
internal floating roof shall be designed to float on liquid surface except when supported by leg supports	154	264.1084(e)(1)(i)					
internal floating roof shall be equipped with continuous seal that meets specified conditions	154	264.1084(e)(1)(ii)					
	154	264.1084(e)(1)(ii)(A)					
	154	264.1084(e)(1)(ii)(B)					
internal floating roof shall meet listed specifications	154	264.1084(e)(1)(iii)					
	154	264.1084(e)(1)(iii)(A)					

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	154	264.1084(e)(1)(iii)(B)					
	154	264.1084(e)(1)(iii)(C)					
	154	264.1084(e)(1)(iii)(D)					
	154	264.1084(e)(1)(iii)(E)					
	154	264.1084(e)(1)(iii)(F)					
owner/operator shall operate the tank in accordance with the following:	154	264.1084(e)(2)					
when floating roof is resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	264.1084(e)(2)(i)					
automatic bleeder vents to be closed at all times when roof is floating, except when roof is being floated off or landed on leg supports	154	264.1084(e)(2)(ii)					

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prior to filling tank, openings in internal floating roof shall be closed; rim space vents open only when internal floating roof is not floating or when pressure exceeds manufacturer's recommended setting	154	264.1084(e)(2)(iii)					
owner/operator shall inspect internal floating roof in accordance with the following:	154	264.1084(e)(3)					
floating roof & its closure devices shall be visually inspected for defects which could result in air pollutant emissions; potential defects	154	264.1084(e)(3)(i)					
owner/operator shall inspect internal floating roof components with specified visual inspections except as provided in 264.1084(e)(3)(iii)	154	264.1084(e)(3)(ii)					
	154	264.1084(e)(3)(ii)(A)					
	154	264.1084(e)(3)(ii)(B)					

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as alternative to 264.1084(e)(3)(ii) inspections for internal floating roof equipped with two continuous seals, owner/operator may perform visual inspection each time tank is emptied & degassed & at least every 5 years	154	264.1084(e)(3)(iii)					
before 264.1084(e)(3)(ii)-(iii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer during the inspection; & notify Regional Administrator of date & location of inspection	154	264.1084(e)(3)(iv)					
	154	264.1084(e)(3)(iv)(A)					
	154	264.1084(e)(3)(iv)(B)					
in event of a defect, it shall be repaired in accordance with 264.1084(k)	154	264.1084(e)(3)(v)					
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(e)(3)(vi)					

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owner/operator who controls emissions from tank using external floating roof shall meet requirements in 264.1084(f)(1)-(3)	154	264.1084(f)					
owner/operator shall design external floating roof in accordance with the following:	154	264.1084(f)(1)					
external floating roof designed to float on liquid surface except when supported by leg supports	154	264.1084(f)(1)(i)					
floating roof equipped with two continuous seals; the lower seal referred to as primary seal & upper seal as secondary seal	154	264.1084(f)(1)(ii)					
	154	264.1084(f)(1)(ii)(A)					
	154	264.1084(f)(1)(ii)(B)					

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	154	264.1084(f)(1)(iii)					
	154	264.1084(f)(1)(iii)(A)					
	154	264.1084(f)(1)(iii)(B)					
	154	264.1084(f)(1)(iii)(C)					
	154	264.1084(f)(1)(iii)(D)					
	154	264.1084(f)(1)(iii)(E)					
	154	264.1084(f)(1)(iii)(F)					
	154	264.1084(f)(1)(iii)(G)					
	154	264.1084(f)(1)(iii)(H)					
external floating roof shall meet certain specifications	154	264.1084(f)(1)(iii)(I)					
owner/operator shall operate tank in accordance with the following:	154	264.1084(f)(2)					
when floating roof resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	264.1084(f)(2)(i)					

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except for automatic bleeder vents, rim space vents, roof drains, & leg sleeves, roof openings shall be secured & closed at all times except when closure device must be open for access	154	264.1084(f)(2)(ii)					
covers on each access hatch & gauge float well shall be bolted or fastened if in closed position	154	264.1084(f)(2)(iii)					
automatic bleeder vents to be closed at all times when roof floating, except when roof is being floated off or landed on leg supports	154	264.1084(f)(2)(iv)					
rim space vents shall be open only when roof is being floated off the leg supports or when pressure beneath rim seal exceeds manufacturer's recommended setting	154	264.1084(f)(2)(v)					
cap on end of unslotted guide poles shall be closed at all times except when measuring liquid level or collecting samples	154	264.1084(f)(2)(vi)					

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cover on each gauge hatch or sample well shall be closed at all times except when hatch or well must be accessed	154	264.1084(f)(2)(vii)					
both primary & secondary seals shall completely cover annular space between external floating roof & tank wall in continuous fashion except during inspections	154	264.1084(f)(2)(viii)					
owner/operator shall inspect external floating roof in accordance with the following:	154	264.1084(f)(3)					

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	154	264.1084(f)(3)(i)					
	154	264.1084(f)(3)(i)(A)					
	154	264.1084(f)(3)(i)(B)					
	154	264.1084(f)(3)(i)(C)					
	154	264.1084(f)(3)(i)(D)					
	154	264.1084(f)(3)(i)(D)(*1*)					
	154	264.1084(f)(3)(i)(D)(*2*)					
	154	264.1084(f)(3)(i)(D)(*3*)					
	154	264.1084(f)(3)(i)(D)(*4*)					
owner/operator shall measure external floating roof seal gaps in accordance with specified requirements	154	264.1084(f)(3)(i)(E)					
	154	264.1084(f)(3)(i)(F)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
owner/operator shall visually inspect external floating roof in accordance with specified requirements	154	264.1084(f)(3)(ii)					
	154	264.1084(f)(3)(ii)(A)					
	154	264.1084(f)(3)(ii)(B)					
	154	264.1084(f)(3)(ii)(B)					
	154	264.1084(f)(3)(ii)(C)					
	154	264.1084(f)(3)(ii)(D)					
prior to 264.1084(f)(3)(i) or (ii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer present during inspection; & notify of date & location of inspection	154	264.1084(f)(3)(iii)					
	154	264.1084(f)(3)(iii)(A)					
	154	264.1084(f)(3)(iii)(B)					
	154	264.1084(f)(3)(iii)(C)					
owner/operator who controls air pollutant emissions from a tank by venting to a control device shall meet requirements in 264.1084(g)(1)-(3)	154	264.1084(g)					
tank shall be covered by fixed roof and vented directly to a control device in accordance with the following:	154	264.1084(g)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
fixed roof & closure devices shall form continuous barrier over liquid in tank	154	264.1084(g)(1)(i)					
each opening in fixed roof not vented to control device shall be equipped with closure device; when pressure in vapor headspace < atmospheric pressure; when pressure in vapor headspace ≥ atmospheric pressure	154	264.1084(g)(1)(ii)					
fixed roof & its closure devices shall be made of suitable materials that will minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1084(g)(1)(iii)					
the closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1084(g)(1)(iv)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
whenever hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	264.1084(g)(2)					
venting to control device is not required, & opening of closure device or removal of fixed roof is allowed in specified circumstances	154	264.1084(g)(2)(i)					
	154	264.1084(g)(2)(i)(A)					
	154	264.1084(g)(2)(i)(B)					
opening of a safety device, as defined in 265.1081, is allowed any time to avoid an unsafe condition	154	264.1084(g)(2)(ii)					
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1084(g)(3)					
fixed roof & its closure devices shall be visually inspected for defects; examples	154	264.1084(g)(3)(i)					
closed-vent system & control device shall be inspected & monitored in accordance with 264.1087	154	264.1084(g)(3)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
perform initial inspection of air emission control equipment on or before tank becomes subject to 264.1084; then at least once a year except under special conditions of 264.1084(l)	154	264.1084(g)(3)(iii)					
in event of defect, it shall be repaired in accordance with 264.1084(k)	154	264.1084(g)(3)(iv)					
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(g)(3)(v)					
owner/operator who controls air pollutant emissions by using a pressure tank shall meet the following:	154	264.1084(h)					
tank shall not be designed to vent to atmosphere as result of compression in vapor headspace during filling	154	264.1084(h)(1)					
tank openings shall be equipped with closure devices that operate with no detectable organic emissions as in 264.1083(d)	154	264.1084(h)(2)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
whenever hazardous waste is in the tank, it shall be operated as a closed system that does not vent to the atmosphere except if safety device requires opening to avoid an unsafe condition	154	264.1084(h)(3)					
owner/operator who controls air pollutant emissions by using enclosure vented through a closed-vent system to enclosed combustion control device shall meet requirements in 264.1084(i)(1)-(4)	154	264.1084(i)					
tank shall be inside enclosure; enclosure shall be designed & operated in accordance with 52.741, appendix B; allowance for openings; perform verification as specified in Section 5.0	154	264.1084(i)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
enclosure shall be vented through a closed-vent system to enclosed combustion control device designed & operated in accordance with certain standards specified in 264.1087	154	264.1084(i)(2)					
safety devices, defined in 265.1081, may be installed & operated on any enclosure, closed-vent system, or control device used to comply with 264.1084(i)(1)-(2)	154	264.1084(i)(3)					
owner/operator shall inspect & monitor the closed-vent system & control device as specified in 264.1087	154	264.1084(i)(4)					
owner/operator shall transfer hazardous waste to tank subject to 264.1084 in accordance with the following:	154	264.1084(j)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
transfer of hazardous waste, except as in 264.1084(j)(2), to tank from another tank subject to 264.1084 or from surface impoundment subject to 264.1085 shall use continuous hard-piping or another closed system; individual drain system	154	264.1084(j)(1)					
264.1084(j)(1) requirements do not apply if transferring hazardous waste to tank under following:	154	264.1084(j)(2)					
hazardous waste meets average VO concentration conditions in 264.1082(c)(1) at point of waste origination	154	264.1084(j)(2)(i)					
hazardous waste treated by an organic destruction or removal process to meet 264.1082(c)(2) requirements	154	264.1084(j)(2)(ii)					
owner/operator shall repair each defect detected during inspections performed under 264.1084(c)(4), (e)(3), (f)(3), or (g)(3) as follows:	154	264.1084(k)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
owner/operator shall make first efforts at repair no later than 5 days after detection & repair shall be completed no later than 45 days after detection except as in 264.1084(k)(2)	154	264.1084(k)(1)					
repairs may be delayed beyond 45 days if repair requires emptying or temporary removal from service & no alternative tanks are available; owner/ operator shall repair the defect as soon as tank stops operation; repair shall be completed before resuming operation	154	264.1084(k)(2)					
after initial inspection & monitoring of cover pursuant to Subpart CC, inspection & monitoring may be at intervals longer than 1 year under the following conditions:	154	264.1084(l)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
if inspecting or monitoring exposes a worker to dangerous, hazardous, or other unsafe conditions, the owner/operator may designate cover as unsafe & comply with the following:	154	264.1084(l)(1)					
prepare written explanation	154	264.1084(l)(1)(i)					
develop & implement written plan & schedule to inspect & monitor	154	264.1084(1)(1)(ii)					
if tank is buried partially or entirely, owner/operator must inspect & monitor only portions of cover that are located on or above ground	154	264.1084(l)(2)					
STANDARDS: SURFACE IMPOUNDMENTS							
264.1085 provisions apply to control of air pollutant emissions from surface impoundments for which 264.1082(b) references this section	154	264.1085(a)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
owner/operator shall control air pollutant emissions from surface impoundment by installing & operating either:	154	264.1085(b)					
floating membrane cover in accordance with 264.1085(c); or	154	264.1085(b)(1)					
cover vented through a closed-vent system to a control device in accordance with 264.1085(d)	154	264.1085(b)(2)					
owner/operator who controls emissions from a surface impoundment using a floating membrane cover shall meet requirements in 264.1085(c)(1)-(3)	154	264.1085(c)					
surface impoundment shall be equipped with floating membrane cover designed to meet the following:	154	264.1085(c)(1)					
designed to float on the liquid surface during normal operations & form a continuous barrier	154	264.1085(c)(1)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	154	264.1085(c)(1)(ii)					
fabricated from synthetic membrane material with certain specifications	154	264.1085(c)(1)(ii)(A)					
	154	264.1085(c)(1)(ii)(B)					
installed without visible cracks, holes, gaps, or open spaces between cover edges or foundation mountings	154	264.1085(c)(1)(iii)					
except as in 264.1085(c)(1)(v), openings in floating membrane cover shall be equipped with a closure device that does not allow for open spaces in the closure device or between the opening & device	154	264.1085(c)(1)(iv)					
floating membrane cover may be equipped with emergency cover drains; drains shall be equipped with slotted membrane fabric cover or flexible fabric sleeve seal	154	264.1085(c)(1)(v)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
closure devices shall consist of materials to minimize exposure of hazardous waste to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1085(c)(1)(vi)					
whenever hazardous waste is in surface impoundment, floating membrane cover shall float on liquid & each closure device in closed position except:	154	264.1085(c)(2)					
opening of closure devices or removal of the cover allowed to provide access to surface impoundment or to remove accumulated sludge	154	264.1085(c)(2)(i)					
	154	264.1085(c)(2)(i)(A)					
	154	264.1085(c)(2)(i)(B)					
opening of safety device allowed to avoid an unsafe condition	154	264.1085(c)(2)(ii)					
owner/operator shall inspect floating membrane cover as follows:	154	264.1085(c)(3)					
floating membrane cover & closure devices shall be visually inspected for defects; examples	154	264.1085(c)(3)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
perform initial inspection of floating membrane cover & closure devices on or before surface impoundment is subject to 264.1085; then at least once a year except under 264.1085(g)	154	264.1085(c)(3)(ii)					
in event of defect, it shall be repaired in accordance with 264.1085(f)	154	264.1085(c)(3)(iii)					
owner/operator shall maintain inspection record in accordance with 264.1089(c)	154	264.1085(c)(3)(iv)					
owner/operator who controls air pollutant emissions from a surface impoundment using a cover vented to control device shall meet 264.1085(d)(1)-(3) requirements	154	264.1085(d)					
surface impoundment covered & vented directly to control device in accordance with the following:	154	264.1085(d)(1)					
cover & closure devices shall form a continuous barrier over liquid in the surface impoundment	154	264.1085(d)(1)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
openings in the cover not vented to control device equipped with closure device; if pressure in vapor headspace < atmospheric pressure; if pressure in vapor headspace ≥ atmospheric pressure	154	264.1085(d)(1)(ii)					
cover & closure devices shall be made of suitable materials to minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1085(d)(1)(iii)					
closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1085(d)(1)(iv)					
when hazardous waste is in surface impoundment, cover shall be installed with closure device in closed position except:	154	264.1085(d)(2)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
venting to control device not required, & opening of closure device or removal of cover is allowed in specified circumstances	154	264.1085(d)(2)(i)					
	154	264.1085(d)(2)(i)(A)					
	154	264.1085(d)(2)(i)(B)					
opening of safety device, as in 265.1081, allowed to avoid an unsafe condition	154	264.1085(d)(2)(ii)					
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1085(d)(3)					
surface impoundment cover & closure devices shall be visually inspected for defects; examples	154	264.1085(d)(3)(i)					
closed-vent system & control device shall be inspected & monitored in accordance with 264.1087	154	264.1085(d)(3)(ii)					
initial inspection of air emission control equipment on or before the surface impoundment is subject to 264.1085; then at least once a year except under 264.1085(g)	154	264.1085(d)(3)(iii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
in event of defect, it shall be repaired in accordance with 264.1085(f)	154	264.1085(d)(3)(iv)					
owner/operator shall maintain inspection record in accordance with 264.1089(c)	154	264.1085(d)(3)(v)					
owner/operator shall transfer hazardous waste to surface impoundment subject to 264.1085 in accordance with:	154	264.1085(e)					
transfer of hazardous waste, except as in 264.1085(e)(2), to surface impoundment from another surface impoundment subject to 264.1085 or from a tank subject to 264.1084 shall use continuous hard-piping or another closed system; individual drain system	154	264.1085(e)(1)					
264.1085(e)(1) requirements do not apply when transferring a hazardous waste to surface impoundment under the following:	154	264.1085(e)(2)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
hazardous waste meets average VO concentration conditions in 264.1082(c)(1) at point of origination	154	264.1085(e)(2)(i)					
hazardous waste treated by organic destruction or removal process to meet 264.1082(c)(2) requirements	154	264.1085(e)(2)(ii)					
owner/operator repair each defect detected during inspections performed in accordance with 264.1085(c)(3) or (d)(3) as follows:	154	264.1085(f)					
owner/operator shall make first efforts at repair no later than 5 days after detection & repair shall be completed no later than 45 days after detection except as in 264.1085(f)(2)	154	264.1085(f)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
repairs may be delayed beyond 45 days if require emptying or temporary removal from service & no alternative capacity is available; if so, owner/operator shall repair defect as soon as process generating hazardous waste in surface impoundment stops operation; repair completed before resuming operation	154	264.1085(f)(2)					
following initial inspection & monitoring of cover as required by Subpart CC, inspection & monitoring at intervals longer than 1 year under following conditions:	154	264.1085(g)					
written explanation stating why cover is unsafe, if required	154	264.1085(g)(1)					
develop & implement written plan & schedule to inspect & monitor cover	154	264.1085(g)(2)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	STANDARDS: CONTAINERS							
	264.1086 applies to control of air pollutant emissions from containers for which 264.1082(b) references this section	154	264.1086(a)					
	general requirements	154	264.1086(b)					
3	owner/operator shall control air pollutant emissions from each container subject to 264.1086 in accordance with the following:	154	264.1086(b)(1)					
	for containers having design capacities greater than 0.1 m^3 & less than or equal to 0.46 m^3, owner/operator shall control air pollutant emissions in accordance with Container Level 1 standards in 264.1086(c)	154	264.1086(b)(1)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
for containers having design capacities greater than 0.46 m^3 not in light material service, owner/ operator shall control air pollutant emissions in accordance with Container Level 1 standards in 264.1086(c)	154	264.1086(b)(1)(ii)					
for containers having design capacities greater than 0.46 m^3 in light material service, owner/operator shall control air pollutant emissions in accordance with Container Level 2 standards in 264.1086(d)	154	264.1086(b)(1)(iii)					
when containers with design capacities greater than 0.1 m^3 are used for treatment of hazardous waste by waste stabilization process, owner/ operator shall control air pollutant emissions in accordance with Container Level 3 standards in 264.1086(e)	154	264.1086(b)(2)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	Container Level 1 standards	154	264.1086(c)					
3	using Container Level 1 controls is one of the following:	154	264.1086(c)(1)					
	meets applicable U.S. DOT regulations on packaging for transportation as in 264.1086(f)	154	264.1086(c)(1)(i)					
	equipped with cover & closure devices that form a continuous barrier over openings such that there are no visible open spaces into the interior	154	264.1086(c)(1)(ii)					
	open-top container in which organic-vapor suppressing barrier is used such that no hazardous waste is exposed; example	154	264.1086(c)(1)(iii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
container used to meet requirements of 264.1086(c)(1)(ii) or (c)(1)(iii) shall be equipped with covers & closure devices composed of materials to minimize exposure of hazardous waste to atmosphere & to maintain equipment integrity; factors to consider in selecting materials	154	264.1086(c)(2)					
when using Container Level 1 controls, owner/ operator shall install covers & closure devices, & secure & maintain them in closed position except:	154	264.1086(c)(3)					
opening of closure device or cover is allowed to add hazardous waste or other material as specified	154	264.1086(c)(3)(i)					
	154	264.1086(c)(3)(i)(A)					
	154	264.1086(c)(3)(i)(B)					
opening of closure device or cover is allowed to remove hazardous waste as specified	154	264.1086(c)(3)(ii)					
	154	264.1086(c)(3)(ii)(A)					
	154	264.1086(c)(3)(ii)(B)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
opening of closure device or cover is allowed when access needed to perform routine activities other than transfer hazardous waste; examples; after activity, owner/operator shall promptly secure closure device or reinstall cover	154	264.1086(c)(3)(iii)					
opening of pressure relief devices allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when closed; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range; examples	154	264.1086(c)(3)(iv)					
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid an unsafe condition	154	264.1086(c)(3)(v)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
inspect containers & their covers & closure devices as follows:	154	264.1086(c)(4)					
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if a defect is detected, owner/operator repair in accordance with 264.1086(c)(4)(iii)	154	264.1086(c)(4)(i)					
if container remains at the facility for 1 year or more, owner/operator shall inspect it & cover & closure devices initially & then, at least every 12 months; if defect is detected, owner/operator repair in accordance with 264.1086(c)(4)(iii)	154	264.1086(c)(4)(ii)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	when a defect is detected, owner/ operator shall make repair no later than 24 hours after detection & complete it no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed & container not used until repaired	154	264.1086(c)(4)(iii)					
	owner/operator shall maintain copy of procedure to determine that containers with 0.46 m^3 or greater capacity, are not managing hazardous waste in light material service	154	264.1086(c)(5)					
	Container Level 2 standards	154	264.1086(d)					
3	container using Container Level 2 controls is one of the following:	154	264.1086(d)(1)					
	meets the applicable U.S. DOT regulations on packaging for transportation as in 264.1086(f)	154	264.1086(d)(1)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
container that operates with no detectable organic emissions as determined in accordance 264.1086(g)	154	264.1086(d)(1)(ii)					
container that has been demonstrated to be vapor-tight by using part 60, appendix A, Method 27 in accordance with 264.1086(h)	154	264.1086(d)(1)(iii)					
transfer of hazardous waste shall minimize exposure to the atmosphere, to extent practical; examples that meet 264.1086(d)(2) requirements	154	264.1086(d)(2)					
owner/operator shall install all covers & closure devices, & secure & maintain in closed position except:	154	264.1086(d)(3)					
opening of closure device or cover is allowed to add hazardous waste or other material as follows	154	264.1086(d)(3)(i)					
	154	264.1086(d)(3)(i)(A)					
	154	264.1086(d)(3)(i)(B)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	154	264.1086(d)(3)(ii)					
opening of a closure device or cover is allowed to remove hazardous waste as follows	154	264.1086(d)(3)(ii)(A)					
	154	264.1086(d)(3)(ii)(B)					
opening of closure device or cover is allowed when access is needed to perform routine activities other than transfer; examples; after activity, promptly secure closure device or reinstall cover	154	264.1086(d)(3)(iii)					
opening of pressure relief devices which vent to atmosphere is allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when in closed position; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range; examples	154	264.1086(d)(3)(iv)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid an unsafe condition	154	264.1086(d)(3)(v)					
owner/operator shall inspect containers & their covers & closure devices as follows:	154	264.1086(d)(4)					
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if defect is detected, owner/operator shall repair in accordance with 264.1086(d)(4)(iii)	154	264.1086(d)(4)(i)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	if container remains at the facility for 1 year or more, owner/operator shall inspect it & cover & closure devices initially & then at least every 12 months to check for open spaces into its interior; if defect is detected, owner/ operator shall repair in accordance with 264.1086(d)(4)(iii)	154	264.1086(d)(4)(ii)					
	when defect is detected, owner/ operator shall make efforts at repair no later than 24 hours after detections & complete it as soon as possible but no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed & container shall not be used until repaired	154	264.1086(d)(4)(iii)					
	Container Level 3 standards	154	264.1086(e)					
3	container using Container Level 3 controls is one of the following:	154	264.1086(e)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
container that is vented through a closed-vent system to control device in accordance with 264.1086(e)(2)(ii)	154	264.1086(e)(1)(i)					
container that is vented inside an enclosure which is exhausted through closed-vent system to control device in accordance with 264.1086(e)(2)(i)-(ii)	154	264.1086(e)(1)(ii)					
owner/operator shall meet the following, as applicable	154	264.1086(e)(2)					
container enclosure shall be designed & operated in accordance with 52.741, appendix B; permanent or temporary openings; verification procedure as in Section 5.0	154	264.1086(e)(2)(i)					
closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1086(e)(2)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
safety devices, in 265.1081, may be installed & operated on any container, enclosure, closed-vent system, or control device used to comply with 264.1086(e)(1)	154	264.1086(e)(3)					
owner/operator shall inspect & monitor the closed-vent system & control devices as specified in 264.1087	154	264.1086(e)(4)					
owners/operators shall prepare & maintain records specified in 264.1089(d)	154	264.1086(e)(5)					
for purpose of 264.1086(c)(1)(i) or (d)(1)(i) compliance, containers shall meet applicable U.S. DOT regulations on packaging for transportation as follows:	154	264.1086(f)					
meets applicable requirements in 49 CFR part 178 or 49 CFR part 179	154	264.1086(f)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
hazardous waste managed in container in accordance with 49 CFR part 107, subpart B; 49 CFR part 172; 49 CFR part 173; & 49 CFR part 180	154	264.1086(f)(2)					
no exceptions to the 49 CFR part 178 or 179 regulations are allowed except as in 264.1086(f)(4)	154	264.1086(f)(3)					
for lab pack managed in accordance with 49 CFR part 178, owner/operator may comply with the exceptions for combination packaging in 49 CFR 173.12(b)	154	264.1086(f)(4)					
owner/operator shall use 264.1083(d) procedure for determining if container operates with no detectable organic emissions as in 264.1086(d)(1)(ii)	154	264.1086(g)					
each potential leak interface on container, cover, & closure devices shall be checked; examples	154	264.1086(g)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
test performed when container is filled with material expected to be managed in this container; during test, container cover & closure devices shall be closed	154	264.1086(g)(2)					
procedure for determining a container to be vapor-tight using Method 27 of part 60, appendix A to comply with 264.1086(d)(1)(iii)	154	264.1086(h)					
test performed in accordance with Method 27 of part 60, appendix A	154	264.1086(h)(1)					
pressure measurement device shall be used with a precision of ±2.5mm water & capable of measuring above that used for vapor pressure tightness	154	264.1086(h)(2)					
if test results indicate container sustains a pressure change less than or equal to 750 Pascals, then it's vapor-tight	154	264.1086(h)(3)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES							
264.1087 applies to closed-vent system & control device installed & operated to control air emissions	154	264.1087(a)					
closed-vent system shall meet the following requirements:	154	264.1087(b)					
route gases, vapors, & fumes to a control device that meets the requirements specified in 264.1087(c)	154	264.1087(b)(1)					
designed & operated in accordance with 264.1033(k)	154	264.1087(b)(2)					
if system includes bypass devices, each device shall be equipped with either flow indicator or seal or locking device; other fittings used for safety purposes are not bypass devices	154	264.1087(b)(3)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
if flow indicator is used to comply with 264.1087(b)(3), it shall be installed at inlet to bypass line; flow indicator is a device which indicates gas or vapor flow	154	264.1087(b)(3)(i)					
if a seal or locking device is used to comply with 264.1087(b)(3), it shall be placed such that bypass device cannot be opened without breaking the seal or removing the lock; examples; inspect seal or closure mechanism at least once a month	154	264.1087(b)(3)(ii)					
closed-vent system shall be inspected & monitored by owner/ operator in accordance with 264.1033(l)	154	264.1087(b)(4)					
control device shall meet the following requirements:	154	264.1087(c)					
control device shall be one of the following devices:	154	264.1087(c)(1)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
control device designed & operated to reduce total organic content of inlet vapor stream by at least 95%	154	264.1087(c)(1)(i)					
enclosed combustion device designed & operated in accordance with 264.1033(c)	154	264.1087(c)(1)(ii)					
flare designed & operated in accordance with 264.1033(d)	154	264.1087(c)(1)(iii)					
owner/operator who uses closed-vent system & control device to comply with 264.1087 shall comply with 264.1087(c)(2)(i)-(c)(2)(vi)	154	264.1087(c)(2)					
periods of planned routine maintenance of control device during which 264.1087 (c)(1)(i)-(iii) are not met, shall not exceed 240 hours/year	154	264.1087(c)(2)(i)					
requirements in 264.1087(c)(1)(i)-(iii) do not apply during planned routine maintenance	154	264.1087(c)(2)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
requirements in 264.1087(c)(1)(i)-(iii) do not apply during control device system malfunction	154	264.1087(c)(2)(iii)					
owner/operator shall demonstrate compliance with 264.1087(c)(2)(i) by recording information in 264.1089(e)(1)(v)	154	264.1087(c)(2)(iv)					
owner/operator shall correct control device system malfunctions as soon as practicable to minimize excess air pollutant emissions	154	264.1087(c)(2)(v)					
owner/operator shall operate closed-vent system such that gases, vapors, or fumes are not vented to control device during maintenance or malfunction except when necessary	154	264.1087(c)(2)(vi)					
owner/operator using a carbon adsorption system shall operate & maintain control device in accordance with the following requirements:	154	264.1087(c)(3)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
following initial startup, all activated carbon shall be replaced with fresh carbon regularly in accordance with 264.1033(g) or (h)	154.1	264.1087(c)(3)(i)					
all carbon removed from control device shall be managed in accordance with 264.1033(n)	154	264.1087(c)(3)(ii)					
owner/operator using a control device other than a thermal vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system shall operate & maintain in accordance with 264.1033(j)	154	264.1087(c)(4)					
demonstrate that control device achieves performance requirements of 264.1087(c)(1) as follows:	154	264.1087(c)(5)					
demonstrate, using a performance test as in 264.1087(c)(5)(iii) or design analysis as in 264.1087(c)(5)(iv) for each control device except for the following:	154	264.1087(c)(5)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
a flare	154	264.1087(c)(5)(i)(A)					
boiler or process heater with design input capacity of 44 megawatts or greater	154	264.1087(c)(5)(i)(B)					
boiler or process heater into which the vent stream is introduced with primary fuel	154	264.1087(c)(5)(i)(C)					
boiler or industrial furnace burning hazardous waste for which owner/operator has been issued a final permit and designs and operates unit in accordance with 266, Subpart H	154	264.1087(c)(5)(i)(D)					
boiler or industrial furnace burning hazardous waste for which owner/operator has designed & operates in accordance with requirements of 266, Subpart H	154	264.1087(c)(5)(i)(E)					
owner/operator shall demonstrate the performance of each flare in accordance with 264.1033(e)	154	264.1087(c)(5)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
for a performance test, owner/operator shall use test methods & procedures in 264.1034(c)(1)-(4)	154	264.1087(c)(5)(iii)					
design analysis shall meet requirements specified in 264.1035(b)(4)(iii)	154	264.1087(c)(5)(iv)					
owner/operator shall demonstrate that carbon adsorption system achieves the 264.1087(c)(1) performance requirements	154	264.1087(c)(5)(v)					
if owner/operator & Regional Administrator do not agree on a demonstration of control device performance using a design analysis, then disagreement shall be resolved using a performance test in accordance with 264.1087(c)(5)(iii); Regional Administrator may choose authorized representative to observe	154	264.1087(c)(6)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
control device shall be inspected & monitored by owner/operator in accordance with 264.1033(f)(2) & 264.1033(l); readings from each monitoring device inspected at least once each day; any necessary corrective measures immediately implemented	154	264.1087(c)(7)					
INSPECTION AND MONITORING REQUIREMENTS							
owner/operator shall inspect & monitor air emission control equipment in accordance with 264.1084-264.1087	154	264.1088(a)					
owner/operator shall develop & implement written plan & schedule to perform inspections & monitoring required by 264.1088(a); shall incorporate plan into facility inspection plan under 264.15	154	264.1088(b)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
RECORDKEEPING REQUIREMENTS							
owners or operator subject to 264, Subpart CC shall record and maintain information specified in 264.1089(b)-(i); with exception, records shall be maintained for at least 3 years; documentation maintained until air emission control equipment is replaced; information required by 264.1089(i) shall be maintained as long as tank or container is not using air emission controls in 264.1084-264.1087	154	264.1089(a)					
owner/operator of tank using air emission controls in accordance with 264.1084 shall prepare & maintain records that include:	154	264.1089(b)					
for tank using air emission controls in accordance with 264.1084, owner/ operator shall record:	154	264.1089(b)(1)					
tank identification number	154	264.1089(b)(1)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
record for each inspection required by 264.1084 that includes inspection date & other information for defects detected	154	264.1089(b)(1)(ii)					
	154	264.1089(b)(1)(ii)(A)					
	154	264.1089(b)(1)(ii)(B)					
owner/operator shall record following information, as applicable to the tank:	154	264.1089(b)(2)					
owner/operator using a fixed roof shall prepare & maintain records for each maximum organic vapor pressure determination in accordance with 264.1084(c); date & time of sample collection, analysis method, & results	154	264.1089(b)(2)(i)					
owner/operator using internal floating roof shall prepare & maintain documentation describing design	154	264.1089(b)(2)(ii)					
owners/operators using external floating roof shall prepare & maintain documentation & records for specified items	154	264.1089(b)(2)(iii)					
	154	264.1089(b)(2)(iii)(A)					
	154	264.1089(b)(2)(iii)(B)					

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	154	264.1089(b)(2)(iv)					
each owner/operator using an enclosure shall prepare & maintain specified records	154	264.1089(b)(2)(iv)(A)					
	154	264.1089(b)(2)(iv)(B)					
owner/operator of a surface impoundment using air emission controls in accordance with 264.1085 shall prepare & maintain records that include:	154	264.1089(c)					
surface impoundment identification number	154	264.1089(c)(1)					
documentation describing floating membrane cover that includes description of cover design, & certification that it meets specifications in 264.1085(c)	154	264.1089(c)(2)					
record for each inspection required by 264.1085 that includes:	154	264.1089(c)(3)					
date inspection was conducted	154	264.1089(c)(3)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
for each defect detected during inspection: location, description, date & corrective action; if repair delayed, owner/ operator shall record reason & date of expected repair	154	264.1089(c)(3)(ii)					
for a surface impoundment equipped with cover & vented through a closed-vent system to a control device, owner/operator shall prepare & maintain records specified in 264.1089(e)	154	264.1089(c)(4)					
owner/operator of containers using Container Level 3 air emission controls in accordance with 264.1086 shall prepare & maintain records that include:	154	264.1089(d)					
records for most recent calculations & measurements to verify enclosure meets criteria of a permanent total enclosure as in "Procedure T" 40 CFR 52.741, appendix B	154	264.1089(d)(1)					

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records required for closed-vent system & control device in accordance with 264.1089(e)	154	264.1089(d)(2)					
owner/operator using closed-vent system & control device in accordance with 264.1087 shall prepare & maintain records that include:	154	264.1089(e)					
documentation that includes:	154	264.1089(e)(1)					
certification signed & dated by owner/ operator stating the control device is designed to operate at performance level when operating at capacity	154	264.1089(e)(1)(i)					
specified design documentation if design analysis used; include a description of the control device design in accordance with 264.1035(b)(4)(iii) & certification by owner/operator that control equipment meets applicable specifications	154	264.1089(e)(1)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
performance test plan & all test results, if performance tests are used	154	264.1089(e)(1)(iii)					
information as required by 264.1035 (c)(1)-(2)	154	264.1089(e)(1)(iv)					
owner/operator shall record on semiannual basis, information specified in 264.1089(e)(1)(v) (A)-(B) for planned routine maintenance operations requiring control devices not to meet 264.1087(c)(1) (i)-(iii) requirements	154	264.1089(e)(1)(v)					
	154	264.1089(e)(1)(v) (A)					
	154	264.1089(e)(1)(v) (B)					
owner/operator shall record the information specified in 264.1089(e)(1)(vi) (A)-(C) for unexpected control device system malfunctions	154	264.1089(e)(1)(vi)					
	154	264.1089(e)(1)(vi) (A)					
	154	264.1089(e)(1)(vi) (B)					
	154	264.1089(e)(1)(vi) (C)					
management records of carbon removed from a carbon adsorption system conducted in accordance with 264.1087(c)(3)(ii)	154	264.1089(e)(1)(vii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
owner/operator of a tank, surface impoundment, or container exempted from standards in accordance with 264.1082(c) shall prepare & maintain following records:	154	264.1089(f)					
if exempted under 264.1082(c)(1)-(2), owner/operator shall record information used for each waste determination in operating log; if waste sample results used for the determination, date, time, & location shall be recorded in accordance with 264.1083	154	264.1089(f)(1)					
if exempted under 264.1082(c)(2)(vii) or (viii), owner/operator shall record ID number for the incinerator, boiler, or industrial furnace in which hazardous waste is treated	154	264.1089(f)(2)					

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owner/operator designating a cover as "unsafe to inspect and monitor" shall record in the facility log: ID numbers, explanations, & inspection plans & schedules	154	264.1089(g)					
owners or operators subject to 264, Subpart CC and to control device standards in 40 CFR Part 60, Subpart VV or 40 CFR 61, Subpart V may demonstrate compliance by documentation pursuant to those subparts to extent that it duplicates that required by 264.1089	154	264.1089(h)					
for tank or container not using air emission controls specified in 264.1084-264.1087 in accordance with 264.1080(d), owner/ operator shall record & maintain the following:	154	264.1089(i)					

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list of individual organic peroxide compounds manufactured at the facility that meet 264.1080(d)(1) conditions	154	264.1089(i)(1)					
description of how hazardous waste containing organic peroxide compounds identified in 264.1089(i)(1) are managed in tanks & containers; the description shall include:	154	264.1089(i)(2)					
for tanks, sufficient information provided to describe: facility tank ID number, purpose and placement of the tank in the management train of this hazardous waste, and procedures used to ultimately dispose of hazardous waste	154	264.1089(i)(2)(i)					

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for containers, sufficient information provided to describe: facility ID number for each container or group of containers; purpose and placement in the management train of this hazardous waste, and procedures used to ultimately dispose of hazardous waste	154	264.1089(i)(2)(ii)					
why managing the hazardous waste containing organic peroxide compounds identified in 264.1089(i)(1) would create an undue safety hazard if specified air emission controls are installed & operated; include the following information:	154	264.1089(i)(3)					

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for tanks, sufficient information to explain how required air emission controls would affect design and facility operating procedures currently used, and why installation of safety devices under Part 264, Subpart CC will not address situations when evacuation is necessary	154	264.1089(i)(3)(i)					
for containers, sufficient information to explain how required air emission controls would affect design and handling procedures currently used, and why installation of safety devices under Part 264, Subpart CC will not address situations in which evacuation is necessary	154	264.1089(i)(3)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
REPORTING REQUIREMENTS							
owner/operator managing hazardous waste in a tank, surface impoundment, or container exempted in accordance with 264.1082(c) shall report each occurrence when there is noncompliance with 264.1082(c)(1) or (2); written report submitted within 15 days; shall contain specified information	154	264.1090(a)					
owner/operator using tank air emission controls in accordance with 264.1084(c) shall report each occurrence when there is noncompliance with 264.1084(b); written report submitted within 15 days; shall contain specified information	154	264.1090(b)					

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4	owner/operator using control device in accordance with 264.1087 shall submit a semiannual written report except as in 264.1090(d); shall describe each occurrence in the past 6 mos. when either: control device is operated continuously for 24 hours or longer in noncompliance with operating values defined in §264.1035 (c)(4) or flare is operated with visible emissions for 5 minutes or longer in two-hour period, as in §264.1033(d); report include EPA ID#, facility name & address, explanation, & actions taken; signed & dated	154	264.1090(c)					
	report to Regional Administrator is not required for 6-month period during which all control devices are operated such that:	154	264.1090(d)					

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during no period of 24 hours or longer did a control device operate continuously in noncompliance with 264.1035(c)(4); &	154	264.1090(d)(1)					
no flare was operated with visible emissions for 5 minutes or longer in a two-hour period, as in 264.1033(d)	154	264.1090(d)(2)					
reserved	154	264.1091					
SUBPART DD - CONTAINMENT BUILDINGS							
APPLICABILITY							
applies to owners/operators storing or treating hazardous waste in units designed and operated under 264.1101; effective February 18, 1993, but may notify Regional Administrator of earlier time; not subject to definition of land disposal in RCRA 3004(k) provided unit:	109	264.1100					

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is a completely enclosed, self-supporting structure designed and constructed as specified	109	264.1100(a)					
has a primary barrier designed to withstand movement of personnel, wastes and handling equipment within unit	109	264.1100(b)					
if used to manage liquids:	109	264.1100(c)					
primary barrier designed and constructed to prevent migration of hazardous constituents into barrier	109	264.1100(c)(1)					
liquid collection system to minimize accumulation of liquid on primary barrier	109	264.1100(c)(2)					
secondary containment system to prevent hazardous constituent migration into barrier; leak detection and liquid collection as specified; variance under 264.1101(b)(4)	109	264.1100(c)(3)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
controls to prevent fugitive dust emissions to meet 264.1101(c)(1)(iv) standards	109	264.1100(d)					
designed and operated to ensure containment and prevent tracking of materials from unit by personnel or equipment	109	264.1100(e)					
DESIGN AND OPERATING STANDARDS							
all containment buildings must comply with following design standards:	109	264.1101(a)					
completely enclosed as specified	109	264.1101(a)(1)					
design and construction of floor, containment walls and secondary containment system; unit of sufficient structural strength to prevent collapse or failure; chemically compatible surfaces; standards for judging structural integrity requirements; when exception for light-weight doors and windows will apply:	109	264.1101(a)(2)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
provide effective barrier against fugitive dust emissions under 264.1101(c)(1)(iv)	109	264.1101(a)(2)(i)					
unit designed and operated so that wastes do not contact openings	109	264.1101(a)(2)(ii)					
no placement of incompatible wastes or treatment reagents that could cause unit or secondary containment system to leak, corrode or otherwise fail	109	264.1101(a)(3)					
must have primary barrier designed to withstand movement of personnel, waste and handling equipment in unit during unit operating life, as appropriate for waste characteristics	109	264.1101(a)(4)					
requirements for hazardous waste containing free liquids or treated with free liquids:	109	264.1101(b)					
primary barrier to prevent migration of hazardous constituents into the barrier	109	264.1101(b)(1)					

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liquid collection and removal system to minimize accumulation of liquid on primary barrier:	109	264.1101(b)(2)					
primary barrier sloped to drain liquids to collection system	109	264.1101(b)(2)(i)					
liquids and waste collected and removed to minimize hydraulic head on containment system at earliest practicable time	109	264.1101(b)(2)(ii)					
secondary containment system to prevent hazardous constituent migration into barrier; leak detection and liquid collection as specified	109	264.1101(b)(3)					
what must be installed at a minimum to satisfy leak detection component of secondary containment system	109	264.1101(b)(3)(i)					
constructed with 1% or greater bottom slope	109	264.1101(b)(3)(i)(A)					

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	granular, synthetic, or geonet drainage materials as specified	109	264.1101(b)(3)(i)(B)					
	if treatment conducted in building, treatment area designed to prevent releases to other portions of building	109	264.1101(b)(3)(ii)					
	secondary containment construction materials specifications; requirements for use of containment building as tank secondary containment system	109	264.1101(b)(3)(iii)					
	for existing units other than 90-day generator units, Regional Administrator delay of secondary containment requirement if demonstrated that unit substantially meets Subpart DD standards; for demonstration, owner/operator must:	109	264.1101(b)(4)					
5	provide written notice by February 18, 1993; what notice must contain	109	264.1101(b)(4)(i)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
respond to Regional Administrator comments within 30 days	109	264.1101(b)(4)(ii)					
if approved, fulfill terms of revised plans	109	264.1101(b)(4)(iii)					
owners and operators of all containment buildings must:	109	264.1101(c)					
use controls and practices to ensure containment of hazardous waste within unit; at a minimum:	109	264.1101(c)(1)					
maintain primary barrier as specified	109	264.1101(c)(1)(i)					
maintain level of stored/treated hazardous waste as specified	109	264.1101(c)(1)(ii)					
take measures to prevent tracking of hazardous waste out of unit; equipment decontamination area; rinsate collection and management	109	264.1101(c)(1)(iii)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	take measures to control fugitive dust emissions; maintain particulate collection devices as specified; when "no visible emissions" must be maintained	109	264.1101(c)(1)(iv)					
	certification by qualified registered professional engineer; for units in operation prior to February 18, 1993, certification placed in operating record or on-site files no later than 60 days after date of initial operation; after February 18, 1993, PE certification required prior to operation of unit	109	264.1101(c)(2)					
	prompt repairs of unit throughout active life as specified, according to the following procedures:	109	264.1101(c)(3)					
6	detection of condition that has led to a release; leakage from primary barrier; owner or operator must:	109	264.1101(c)(3)(i)					
	enter record of discovery in facility operating record	109	264.1101(c)(3)(i)(A)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
immediately remove portion of containment building affected by the condition from service	109	264.1101(c)(3)(i)(B)					
determine steps to be taken for repair, remove leakage from secondary collection system and establish schedule for cleanup and repairs	109	264.1101(c)(3)(i)(C)					
within 7 days, notify Regional Administrator of condition; within 14 working days, provide written notice to Regional Administrator; what written notice must include	109	264.1101(c)(3)(i)(D)					
Regional Administrator must review notice, determine extent to which unit must be removed from service during repairs, and notify owner/operator of determination and rationale in writing	109	264.1101(c)(3)(ii)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
written notification to Regional Administrator on completion of repair and cleanup; verification by a qualified, registered professional engineer that repairs and cleanup are in compliance with 264.1101(c)(3)(i)(D) plan	109	264.1101(c)(3)(iii)					
what must be inspected and recorded in facility's operating records, at least once every seven days	109	264.1101(c)(4)					
for containment buildings that contain areas both with and without secondary containment, the owner/operator must:	109	264.1101(d)					
design and operate each area in accordance with 264.1101(a)-(c) requirements	109	264.1101(d)(1)					
take measures to prevent release of liquids or wet materials into areas without secondary containment	109	264.1101(d)(2)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
maintain in facility's operating log a written description of operating procedures used to maintain integrity of areas without secondary containment	109	264.1101(d)(3)					
Regional Administrator waiver of secondary containment requirements; what owner/operator must demonstrate	109	264.1101(e)					
CLOSURE AND POST-CLOSURE CARE							
what must be done at closure; closure plan, closure activities, cost estimates, and financial responsibility must meet all 264 Subpart G & H requirements	109	264.1102(a)					
if 264.1102(a) requirements met and not all contaminated subsoils can be removed or decontaminated, close facility and perform post-closure care as for landfill under 264.310; owner/operator must meet 264 Subpart G & H requirements for landfills	109	264.1102(b)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
reserved	109	264.1103-264.1110					
SUBPART EE - HAZARDOUS WASTE MUNITIONS AND EXPLOSIVES STORAGE							
APPLICABILITY							
subpart applies to owners and operators who store munitions and explosive hazardous wastes	156	264.1200					
DESIGN AND OPERATING STANDARDS							
storage units must meet following requirements	156	264.1201(a)					
minimize potential for detonation or release	156	264.1201(a)(1)					
provide primary barrier to contain waste	156	264.1201(a)(2)					
if stored outdoors must not be in standing precipitation	156	264.1201(a)(3)					
for liquids, provide secondary containment or vapor detection system	156	264.1201(a)(4)					
provide monitoring and inspection procedures meeting specified requirements	156	264.1201(a)(5)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
hazardous waste military munitions and explosives may be stored in the following	156	264.1201(b)					
earth-covered magazines; requirements for earth-covered magazines	156	264.1201(b)(1)					
	156	264.1201(b)(1)(i)					
	156	264.1201(b)(1)(ii)					
	156	264.1201(b)(1)(ii)(A)-(C)					
	156	264.1201(b)(1)(iii)					
above-ground magazines must be designed to minimize propagation of explosion	156	264.1201(b)(2)					
outdoor or open storage areas must be designed to minimize propagation of explosion	156	264.1201(b)(3)					
hazardous waste military munitions and explosives must be stored in accordance with Standard Operating Procedure; if procedure serves same purpose as certain Part 264 requirements, they may be used	156	264.1201(c)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
hazardous waste military munitions and explosives must be packaged to ensure safety	156	264.1201(d)					
hazardous waste military munitions and explosives must be inventoried annually	156	264.1201(e)					
hazardous waste military munitions and explosives must be inspected and monitored to ensure safety and no migration	156	264.1201(f)					
CLOSURE AND POST-CLOSURE CARE							
at closure of magazine or unit that stored hazardous waste under Subpart EE, owner/operator must remove or decontaminate residues, components, subsoils, structures and equipment; closure must meet 264 subparts G and H requirements, but may defer as long as munitions or explosives magazine or storage unit	156	264.1202(a)					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
if all contaminated subsoils cannot be practicably removed, owner/operator must close facility and perform post-closure as per 264.310	156	264.1202(b)					
APPENDIX I TO PART 264							
RECORDKEEPING INSTRUCTIONS							
instructions for keeping portions of the operating record	*,131	Appendix I					
APPENDIX IV TO PART 264							
COCHRAN'S APPROXIMATION TO THE BEHRENS-FISHER STUDENTS' T-TEST							
instructions for calculation of the t-test	*	Appendix IV					
APPENDIX V TO PART 264							
EXAMPLES OF POTENTIALLY INCOMPATIBLE WASTE							
list of wastes and potential consequences of mixing	*	Appendix V					
APPENDIX VI TO PART 264							
POLITICAL JURISDICTIONS IN WHICH COMPLIANCE WITH §264.18(a) MUST BE DEMONSTRATED							
political jurisdictions by state and city	*	Appendix VI					

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS: EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
APPENDIX IX TO PART 264							
GROUND-WATER MONITORING LIST							
list of substances, suggested test methods, and practical quantitation limits	40, 158	Appendix IX					

[1] Part 264 subpart CC was added by Revision Checklist 154.

[2] At 264.1080(a) there is a typographical error in the December 6, 1994 rule of Revision Checklist 154 (59 FR 62896): "subparts" should be "subpart". This error appears in the July 1, 1997 CFR.

[3] An error exists in the July 1, 1997 CFR in that the paragraph is missing “(1)” to designate the first paragraph of the section.

[4] An error exists in the July 1, 1997 CFR. The third sentence of 264.1090(c) is a duplicate of the second sentence, except that it does not include the option designations “(1)” and “(2)” which were introduced by the November 13, 1995 (60 FR 56952) rule. The sentence should have replaced the existing sentence and not been left in the regulations.

[5] Note that there is an error in the August 18, 1992 (57 FR 37194, Revision Checklist 109) Federal Register; the deadline for the written notice should be February 18, 1993, rather than November 16, 1992 as it appears in the Federal Register, in keeping with the effective date of these provisions, with the preamble to the rule at 57 FR 37215 (second full paragraph in the right-hand column), and with the similar provision under 265.1101(b)(4)(i). This error is reflected in the CFR beginning with the July 1, 1993, edition.

[6] Note that there is a typographical error in the August 18, 1992 (57 FR 37194, Revision Checklist 109) Federal Register; "lead" should be "led."

[7] Subpart EE was added by Revision Checklist 156.